



2001 Toxics Release Inventory

NEVADA

Reported Releases and Other Waste Management Activities (in pounds)

	<i>Total</i>
On-site Releases	781,056,702
Air Emissions	2,728,933
Surface Water Discharges	82,849
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	785
On-site Land Releases to RCRA Subtitle C Landfills	3,988,273
Other On-site Land Releases	774,255,862
Off-site Releases (Transfers Off-site to Disposal)*	2,437,928
Total On- and Off-site Releases	783,494,630
Recycled On-site	45,728,151
Recycled Off-site	2,184,376
Energy Recovery On-site	993,336
Energy Recovery Off-site	56,709
Treated On-site	57,883,317
Treated Off-site**	59,629
Quantity Released On- and Off-site***	783,492,191
Total Production-related Waste Managed	890,397,708
Non-production-related Waste Managed	11,424
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	1,883,643
Energy Recovery	56,673
Treatment	18,097
Publicly Owned Treatment Works (POTWs)	29,084
Metals and Metal Category Compounds*	1,285
Non-metal TRI Chemicals**	27,799
Other Off-site Transfers****	8,180
Transfers Off-site to Disposal (not including metals to POTWs)	2,444,615
Total Transfers Off-site for Further Waste Management, including Disposal	4,440,291

- * Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
 ** Transfers to POTWs of non-metals are included in treated off-site waste management activity.
 *** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.
 **** Transfers reported without a valid waste management code.

For More Information . . .

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To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
 (202) 566-0250
 tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Nevada. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data	
Population	2,097,722
Square Miles	109,806
Total Facilities	103
Total Forms	462
Form As	31

	<i>Total</i>
National Rank for Total On- and Off-site Releases*	
Rank	1
Pounds	783,494,630
National Rank for Total On-site Releases**	
Rank	1
Pounds	781,056,702
National Rank for Total Releases within State***	
Rank	1
Pounds	784,521,736
National Rank for Production-related Waste Managed	
Rank	9
Pounds	890,397,708

- * Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
 ** Includes amounts released at the facility. Excludes amounts transferred to other sites.
 *** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



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On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Arsenic compounds	10,740	2,483	28	327,512,148	419	327,525,818	5,035	418	1
—	Zinc compounds	8,747	230	42	148,683,690	35,208	148,727,917	171,332	34,580	628
—	Manganese compounds	17,137	899	0	107,571,938	2,303,001	109,892,975	16,529	2,303,000	1
—	Vanadium compounds	7,963	0	0	40,357,719	2,000	40,367,682	10,437	0	2,000
—	Lead compounds	5,513	48	0	37,970,968	2,869	37,979,398	91,203	1,080	2,811

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Lead compounds	5,513.25	48.00	0.10	37,970,967.90	2,869.05	37,979,398.30	91,202.80	1,079.91	2,810.54
—	Mercury compounds	12,807.79	1.00	0.10	4,179,457.90	1,322.76	4,193,589.55	724.08	1,216.39	107.00
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	88,326.00	0.00	88,326.00	727.00	0.00	0.00
7439-92-1	Lead	93.89	0.00	0.00	16,998.40	745.80	17,838.09	178,671.82	376.00	380.80
—	Polycyclic aromatic compounds	57.50	0.00	0.00	2,654.90	8,203.30	10,915.70	0.00	8,203.30	0.00
118-74-1	Hexachlorobenzene	0.00	0.00	0.00	5,492.00	0.00	5,492.00	0.00	0.00	0.00
191-24-2	Benzo(g,h,i)perylene	964.61	0.00	0.00	14.10	0.00	978.71	0.00	0.00	0.00
7439-97-6	Mercury	151.48	0.00	0.00	109.00	2.50	262.98	33,243.11	0.00	2.50
—	Dioxin and dioxin-like compounds	0.02	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	11.305	0.000	0.000	0.000	0.000	11.305	4.910	0.000	0.000
57-74-9	Chlordane	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
79-94-7	Tetrabromobisphenol A	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	Trifluralin	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

*** No reports were submitted for these chemicals.

** The chemical ranking is based on the amounts in this column.



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On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection		On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
			Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Barrick Goldstrike Mine, Elko, Elko	74,099	0	0	0	0	323,394,799	323,468,899	1,253	2,143
Newmont Mining Corp. Carlin South Area, Carlin, Eureka	87,585	2,079	0	0	0	170,160,610	170,250,274	0	2,911
Newmont Mining Corp. Twin Creeks Mine, Golconda, Humboldt	153,713	707	0	0	0	153,264,336	153,418,756	0	1,373
Echo Bay Minerals Co. McCoy/Cove Mine, Battle Mountain, Lander	68,474	0	0	0	0	40,771,710	40,840,184	0	0
Cortez Gold Mines Pipeline Processing Plant Mill 2, Crescent Valley, Lander	11,733	0	0	0	0	27,194,553	27,206,286	0	0
Newmont Mining Corp. Lone Tree Mine, Valmy, Humboldt	44,004	65,548	0	0	0	21,248,034	21,357,586	0	171
Bald Mountain Mine, Elko, White Pine	59,508	0	0	0	0	11,727,000	11,786,508	1,520	0
Equatorial Tonopah Inc., Tonopah, Nye	2,192	0	0	0	0	9,727,075	9,729,267	0	0
US Ecology Inc., Beatty, Nye	0	0	0	0	3,988,273	0	3,988,273	0	0
Coeur Rochester Inc., Lovelock, Pershing	5,817	0	0	0	0	3,490,389	3,496,205	10	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection		On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
			Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Echo Bay Minerals Co. McCoy/Cove Mine, Battle Mountain, Lander	816.00	0.00	0.00	0.00	0.00	12,253,360.00	12,254,176.00	0.00	0.00
Barrick Goldstrike Mine, Elko, Elko	1,546.40	0.00	0.00	0.00	0.00	6,659,509.40	6,661,055.80	0.00	2,196.60
Newmont Mining Corp. Carlin South Area, Carlin, Eureka	777.00	0.00	0.00	0.00	0.00	6,550,002.00	6,550,779.00	0.00	127.00
Newmont Mining Corp. Twin Creeks Mine, Golconda, Humboldt	742.00	1.00	0.00	0.00	0.00	3,980,360.00	3,981,103.00	0.00	0.00
Coeur Rochester Inc., Lovelock, Pershing	1,261.51	0.00	0.00	0.00	0.00	3,435,333.50	3,436,595.01	0.00	0.00
Newmont Mining Corp. Carlin North Area, Carlin, Eureka	395.00	0.00	0.00	0.00	0.00	1,600,148.00	1,600,543.00	0.00	0.00
Cortez Gold Mines Pipeline Processing Plant Mill 2, Crescent Valley, Lander	1,536.00	0.00	0.00	0.00	0.00	1,347,001.00	1,348,537.00	0.00	0.00
US Ecology Inc., Beatty, Nye	0.00	0.00	0.00	0.00	1,344,010.00	0.00	1,344,010.00	0.00	0.00
Smoky Valley Common Operation, Round Mountain, Nye	24.50	0.00	0.00	0.00	0.00	1,042,665.00	1,042,689.50	0.20	0.00
Bald Mountain Mine, Elko, White Pine	11.00	0.00	0.00	0.00	0.00	1,027,000.00	1,027,011.00	1,200.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Barrick Goldstrike Mine, Elko, Elko	3,013,305	1	0	0	11,675,000	0	323,447,797	338,136,103	0
Newmont Mining Corp. Carlin South Area, Carlin, Eureka	1,511,184	65,489	0	0	23,600,000	0	170,250,274	195,426,947	0
Newmont Mining Corp. Twin Creeks Mine, Golconda, Humboldt	319,514	0	0	0	8,423,000	0	153,409,130	162,151,644	0
Echo Bay Minerals Co. McCoy/Cove Mine, Battle Mountain, Lander	0	0	0	0	2,332,000	0	40,840,300	43,172,300	0
Cortez Gold Mines Pipeline Processing Plant Mill 2, Crescent Valley, Lander	3	55,443	0	0	1,300,000	0	27,206,286	28,561,732	0
Newmont Mining Corp. Lone Tree Mine, Valmy, Humboldt	2,279,628	170	0	0	287,478	0	21,407,586	23,974,862	0
Bald Mountain Mine, Elko, White Pine	0	0	0	0	0	1,520	11,786,508	11,788,028	0
Equatorial Tonopah Inc., Tonopah, Nye	0	0	0	0	0	0	9,726,991	9,726,991	0
US Ecology Inc., Beatty, Nye	0	0	0	0	0	315	3,988,273	3,988,588	0
Coeur Rochester Inc., Lovelock, Pershing	6	28,971	0	0	0	0	3,494,030	3,523,007	11

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Echo Bay Minerals Co. McCoy/Cove Mine, Battle Mountain, Lander	0.00	0.00	0.00	0.00	0.00	0.00	12,254,200.00	12,254,200.00	0.00
Barrick Goldstrike Mine, Elko, Elko	257,973.00	0.00	0.00	0.00	0.00	0.00	6,661,056.00	6,919,029.00	0.00
Newmont Mining Corp. Carlin South Area, Carlin, Eureka	21,150.00	552.00	0.00	0.00	0.00	0.00	6,550,779.00	6,572,481.00	0.00
Newmont Mining Corp. Twin Creeks Mine, Golconda, Humboldt	713.00	0.00	0.00	0.00	0.00	0.00	3,981,103.00	3,981,816.00	0.00
Coeur Rochester Inc., Lovelock, Pershing	0.00	371.00	0.00	0.00	0.00	0.00	3,435,000.00	3,435,371.00	0.00
Newmont Mining Corp. Carlin North Area, Carlin, Eureka	0.00	75.00	0.00	0.00	0.00	0.00	1,600,543.00	1,600,618.00	0.00
Cortez Gold Mines Pipeline Processing Plant Mill 2, Crescent Valley, Lander	0.00	1,443.00	0.00	0.00	0.00	0.00	1,348,537.00	1,349,980.00	0.00
US Ecology Inc., Beatty, Nye	0.00	0.00	0.00	0.00	0.00	315.00	1,344,010.00	1,344,325.00	0.00
Smoky Valley Common Operation, Round Mountain, Nye	0.00	0.00	0.00	0.00	0.00	0.00	1,043,660.00	1,043,660.00	0.00
Bald Mountain Mine, Elko, White Pine	0.00	0.00	0.00	0.00	0.00	1,200.00	1,027,011.00	1,028,211.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.